

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

32. (Currently Amended) A composition comprising:

a plastic thermoplastic resin; and

an aluminosilicate uniformly dispersed throughout the composition wherein the aluminosilicate is in a quantity of less than about 2% by weight of the composition.

33. (Currently Amended) The composition of claim 32 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

34. (Previously Presented) The composition of claim 32 wherein the aluminosilicate is vitreous.

35. (Previously Presented) The composition of claim 32 wherein the aluminosilicate is in a quantity greater than about 0.5% by weight of the composition.

36. (Previously Presented) The composition of claim 32 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.

37. (Previously Presented) The composition of claim 32 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.

38. (Previously Presented) The composition of claim 32 wherein the aluminosilicate is in particles sized less than 75 microns.

39. (Currently Amended) A composition comprising:

a plastic thermoplastic resin; and

a vitreous, naturally occurring formulation:

Silicon Dioxide (SiO_2) -- about 73.0%

Aluminum Oxide (Al_2O_3) ~~—about 21.0%~~ and

other oxides and trace minerals each less than about 5.0%

~~Potassium Oxide (K_2O) —about 4.7%~~

~~Iron Oxide (Fe_2O_3) —about 0.4%~~

~~Calcium Oxide (CaO) —about 0.5%~~

~~Titanium Oxide (TiO_2) —about 0.1%~~

~~Trace Minerals —about 0.3%;~~

wherein the formulation is in a quantity of less than about 2% by weight of the composition.

40. (Currently Amended) The composition of claim 39 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

41. (Previously Presented) The composition of claim 39 wherein the formulation is in a quantity greater than about 0.5% by weight of the composition.

42. (Previously Presented) The composition of claim 39 wherein the formulation is in a quantity of greater than about 1% by weight of the composition.

43. (Previously Presented) The composition of claim 39 wherein the formulation is in a quantity of greater than about 1.5% by weight of the composition.

44. (Previously Presented) The composition of claim 39 wherein the formulation is in particles sized less than 75 microns.

45. (Currently Amended) An article of manufacture made from a composition wherein the composition comprises:

a plastic thermoplastic resin; and

an aluminosilicate uniformly dispersed throughout the composition wherein the aluminosilicate is in a quantity of less than about 2% by weight of the composition.

46. (Currently Amended) The article of manufacture of claim 45 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

47. (Previously Presented) The article of manufacture of claim 45 wherein the aluminosilicate is vitreous.

48. (Previously Presented) The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity greater than about 0.5% by weight of the composition.

49. (Previously Presented) The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.

50. (Previously Presented) The article of manufacture of claim 45 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.

51. (Previously Presented) The article of manufacture of claim 45 wherein the aluminosilicate is in particles sized less than 75 microns.

52. (Currently Amended) A method, the steps of the method comprising:
selecting a plastic thermoplastic resin;

dispersing an aluminosilicate uniformly throughout the selected plastic thermoplastic resin to form a composition wherein the aluminosilicate is in a quantity of less than about 2% by weight of the composition; and

processing the composition under elevated temperature and pressure.

53. (Currently Amended) The method of claim 52 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

54. (Previously Presented) The method of claim 52 wherein the aluminosilicate is vitreous.

55. (Previously Presented) The method of claim 52 wherein the aluminosilicate is in a quantity of greater than about 0.5% by weight of the composition.

56. (Previously Presented) The method of claim 52 wherein the aluminosilicate is in a quantity of greater than about 1% by weight of the composition.

57. (Previously Presented) The method of claim 52 wherein the aluminosilicate is in a quantity of greater than about 1.5% by weight of the composition.

58. (Previously Presented) The method of claim 52 wherein the aluminosilicate is in particles sized less than 75 microns.

59. (Currently Amended) A composition comprising:
a plastic thermoplastic resin; and
a material comprising silicon dioxide and aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.

60. (Currently Amended) The composition of claim 59 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitrile butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

61. (Previously Presented) The composition of claim 59 wherein the material is vitreous.

62. (Previously Presented) The composition of claim 59 wherein the material is in a quantity greater than about 0.5% by weight of the composition.

63. (Previously Presented) The composition of claim 59 wherein the material is in a quantity of greater than about 1% by weight of the composition.

64. (Previously Presented) The composition of claim 59 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.

65. (Previously Presented) The composition of claim 59 wherein the material is in particles sized less than 75 microns.

66. (Currently Amended) A composition comprising:
a plastic thermoplastic resin; and
a material comprising at least 10% by weight of silicon dioxide and at least 10% by weight of aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.

67. (Currently Amended) The composition of claim 66 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride,

polypropylene, polystyrene, polyethylene terephthalate, acrylonitrile butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

68. (Previously Presented) The composition of claim 67 wherein the material is vitreous.

69. (Previously Presented) The composition of claim 67 wherein the material is in a quantity greater than about 0.5% by weight of the composition.

70. (Previously Presented) The composition of claim 67 wherein the material is in a quantity of greater than about 1% by weight of the composition.

71. (Previously Presented) The composition of claim 67 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.

72. (Previously Presented) The composition of claim 67 wherein the material is in particles sized less than 75 microns.

73. (Currently Amended) A composition comprising:
a plastic thermoplastic resin; and
a material comprising at least 10% by weight of aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.

74. (Currently Amended) The composition of claim 73 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acrylonitrile butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

75. (Previously Presented) The composition of claim 73 wherein the material is vitreous.

76. (Previously Presented) The composition of claim 73 wherein the material is in a quantity greater than about 0.5% by weight of the composition.

77. (Previously Presented) The composition of claim 73 wherein the material is in a quantity of greater than about 1% by weight of the composition.

78. (Previously Presented) The composition of claim 73 wherein the material is in a quantity of greater than about 1.5% by weight of the composition.

79. (Previously Presented) The composition of claim 73 wherein the material is in particles sized less than 75 microns.

80. (Currently Amended) A composition comprising:
a plastic thermoplastic resin; and
a material comprising cristobalite and aluminum oxide;
wherein the material is uniformly dispersed throughout the composition and is in a quantity of less than about 2% by weight of the composition.

81. (Previously Presented) The composition of claim 80 wherein the plastic thermoplastic resin is selected from a group consisting of polyethylene, polyvinyl chloride, polypropylene, polystyrene, polyethylene terephthalate, acronytril butadiene styrene, polymethyl methacrylate, polyamide or polycarbonate.

82. (Previously Presented) The composition of claim 80 wherein the material is vitreous.

83. (Previously Presented) The composition of claim 80 wherein the material is in a quantity greater than about 0.5% by weight of the composition.

84. (Previously Presented) The composition of claim 80 wherein the material is in a quantity greater than about 1% by weight of the composition.

85. (Previously Presented) The composition of claim 80 wherein the material is in a quantity greater than about 1.5% by weight of the composition.

86. (Previously Presented) The composition of claim 80 wherein the material is in particles sized less than 75 microns.

87 through 93. (Cancelled)

94. (New) A composition comprising:

a plastic resin;

silicon dioxide and aluminum oxide dispersed throughout the composition wherein the silicon dioxide and aluminum oxide is in a quantity of less than about 2% by weight of the composition;

a universal carrier for the silicon dioxide and aluminum oxide.

95. (New) The composition of claim 94, the silicon dioxide and aluminum oxide being vitreous and naturally occurring.